

IN THE SPECIFICATION

On page 1, please substitute the paragraph starting on page 1, line 1 with the following paragraph:

This is a continuation of Application Serial No. 10/230,931 filed on August 29, 2002 (still pending); which This is a continuation of Application Serial No. 09/954,561 filed on September 12, 2001 (now U.S. Patent No. 6,556,052); which is a continuation of Application Serial No. 09/882,420, filed on June 14, 2001 (now U.S. Patent No. 6,462,591); which is a continuation of Application Serial No. 09/559,115, filed on April 26, 2000 (now U.S. Patent No. 6,294,934), which is a continuation of Application Serial No. 09/141,675, filed on August 27, 1998 (now U.S. Patent No. 6,094,975), which claims priority to Provisional Patent Application Serial No. 60/073,353, filed on February 2, 1998, and the Provisional Patent Application Serial No. 60/057,400, filed on August 29, 1997.

On page 5, please substitute the paragraph at line 17 with the following paragraph:

Fig. 7 shows Figs. 7A-7B show circuitry for an input comparator gxCComp of Fig. 5;

On page 11, please substitute the paragraph starting on line 12 with the following paragraph:

The output value from the voltage divider circuitry is compared to a voltage reference value. The comparator may be a simple analog differential voltage comparator shown in Figure 7 Figures 7A and 7B. In an alternate embodiment, the comparator may also be a regenerative sense-amp circuit. The comparator may also be a switched capacitor filter. In still another embodiment where an analog-to-digital converter is used as a voltage divider, the comparator may be a digital signal processor.